

2133#6  
SP  
3-11-04

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
14954

MAR 08 2004

In Application Of **Katsutoshi SEKI**

Serial No.  
09/964,195

Filing Date  
September 26, 2001

Examiner  
Unassigned

Group Art Unit  
2133

Title: **SELF ORTHOGONAL DECODING CIRCUIT AND SELF ORTHOGONAL  
DECODING METHOD**

**RECEIVED**

**MAR 10 2004**

Address to:  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Technology Center 2100

**37 CFR 1.97(b)**

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:
- ☐ the statement specified in 37 CFR 1.97(e);
- OR**
- ☐ the fee set forth in 37 CFR 1.17(p).

**RECEIVED**  
MAR 11 2004  
TC 2100

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**

MAR 08 2004

Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
14954

In Re: Application: Katsutoshi SEKI

Serial No.

09/964,195

Filing Date

September 26, 2001

Examiner

Unassigned

Group Art Unit

2133

**SELF ORTHOGONAL DECODING CIRCUIT AND SELF ORTHOGONAL  
DECODING METHOD**

**RECEIVED**

**MAR 10 2004**

**Payment of Fee**

Technology Center 2100

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. **19-1013/SSMP**  
as described below.
- ☐ Charge the amount of \_\_\_\_\_
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.

**Certificate of Transmission by Facsimile\***

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (F:

(Date)

Signature

Typed or Printed Name of Person Signing Certificate

**Certificate of Mailing by First Class Mail**

I certify that this document and fee is being deposited on **March 4, 2004** with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature of Person Mailing Correspondence

Paul J. Esatto, Jr.,

Typed or Printed Name of Person Mailing Certificate

\*This certificate may only be used if paying by deposit account.

Signature

Dated: **March 4, 2004**

Paul J. Esatto, Jr.

Registration No.: 30,749

**SCULLY, SCOTT, MURPHY & PRESSER**

400 Garden City Plaza

Garden City, New York 11530

(516) 742-4343

PJE:ahs

CC:



**THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant:** Katsutoshi SEKI                      **Examiner:** Unassigned  
**Serial No.:** 09/964,195                      **Group Art Unit:** 2133  
**Filed:** September 26, 2001                      **Docket:** 14954  
**For:** SELF ORTHOGONAL DECODING                      **Dated:** March 4, 2004  
CIRCUIT AND SELF ORTHOGONAL  
DECODING METHOD

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RECEIVED**

MAR 10 2004

Technology Center 2100

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 C.F.R. §§1.97 and 1.98, it is requested that the following references, which are also listed on the attached Form PTO-1449, be made of record in the above-identified case.

1. United States Patent No. 4,404,674, dated September 13, 1983, issued to Rhodes;
2. European Publication No. EP 0 907 256 A2, dated April 7, 1999;
3. United States Patent No. 5,710,783, dated January 20, 1998, issued to Luthi, et al.;
4. Christian Cardinal, et al., "Turbo Decoding Using Convolutional Self Doubly Orthogonal Codes", Vol. 1, (1999), pp. 113-117;

---

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 4, 2004.

Dated: March 4, 2004

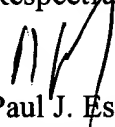
  
\_\_\_\_\_  
Paul J. Esatto, Jr.

5. Blizard R.B. et al., "An Iterative Probabilistic Threshold Decoding Technique", Proc. Of National Communications Conference, Houston, U.S.A., Vol. Conf. (1972), pp. 13D-1-13D5;
6. United States Patent No. 4,476,458, dated October 9, 1984, issued to Dollard; and
7. European Publication No. 0 504 905 A2, dated September 23, 1992.

The references were cited in a Search Report dated January 27, 2004 received from the European Patent Office. Applicant is submitting copies of the above-cited references, together with a copy of the Search Report. The relevance of the above-identified references has been described in the Search Report.

Inasmuch as this Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. § 1.97(b), no statement or fee is required.

Respectfully submitted,

  
Paul J. Esatto, Jr.  
Registration No. 30,749

Scully, Scott, Murphy & Presser  
400 Garden City Plaza  
Garden City, New York 11530  
(516) 742-4343

PJE:ahs